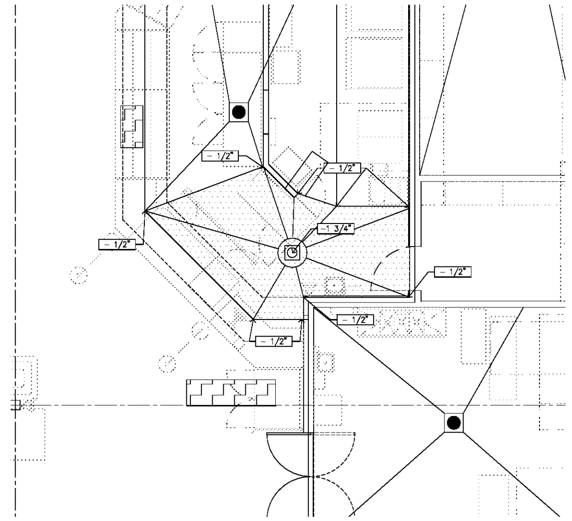

CONCRETE PLACEMENT ENLARGED FLOOR PLAN

A / A1.2.2 SCALE: 1/4"=1'-0"

CONCRETE FINISH TABLE

ROOM / AREA	FLOOR COVERING	TROWEL FINISH	TEXTURE	CURING	NEW / EXISTING CONCRETE
FLORAL COOLER	EXISTING POLISHED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
MEAT COOLERS	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
DAIRY COOLER	EXISTING RESINOUS FLOORING	STEEL TROWEL	MEDIUM BROOM	WET CURED	EXISTING
PRODUCE COOLER	EXISTING EXPOSED CONCRETE	STEEL TROWEL	ANTI SLIP MEDIUM SANDPAPER	CURING COMPOUND	EXISTING
DELI COOLER	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
BAKERY RETARDER	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
FREEZERS	EXISTING EXPOSED CONCRETE	STEEL TROWEL	ANTI SLIP MEDIUM SANDPAPER	CURING COMPOUND	EXISTING
SEAFOOD PREP/ SERVICE	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
MEAT PREP/ SERVICE	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
PRODUCE PREP	EXISTING EXPOSED CONCRETE	STEEL TROWEL	ANTI SLIP MEDIUM SANDPAPER	CURING COMPOUND	EXISTING
DELI PREP/SERVICE	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	NEW/EXISTING
BAKERY PREP/SERVICE	EXISTING QUARRY TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
SALES AREA	EXISTING COLORED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
PRODUCE SALES AREA	EXISTING VINYL FLOORING	SEE SPECS.	ACID ETCHED	SEE SPECS.	EXISTING
ENTRANCE VESTIBULES	NEW CARPET ENTRY SYSTEM AND CERAMIC TILE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
BASCART STORAGE AREAS	EXISTING EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
PHARMACY	NEW CARPET	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
PHARMACY WAITING	EXISTING COLORED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
FLORAL DEPARTMENT	EXISTING COLORED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
CUSTOMER SERVICE	NEW CARPET	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
BANK	EXISTING	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
RESTROOMS	EXISTING CERAMIC TILE	SWEAT TROWEL	MEDIUM SANDPAPER	WET CURED	EXISTING
RESTROOM CORRIDOR	EXISTING COLORED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
MANAGER'S OFFICE	NEW CARPET	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
CO-MANAGER'S OFFICE	NEW CARPET	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
OPEN OFFICE	NEW VINYL TILE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
BREAKROOM	NEW VINYL TILE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
E.C.R. ROOM	EXISITNG VINYL TILE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
SPRINKLER ROOM	EXISITNG EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
LITTLE CLINIC WAITING ROOM	EXISTING	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
EXAM ROOM#1	EXISTING	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
EXAM ROOM#2	EXISTING	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
BACKROOM STORAGE	EXISTING EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
G.M. STORAGE	EXISITNG EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
CLEANING EQUIP. CENTER	EXISTING EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
COMPRESSOR ROOM	EXISTING EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
GENERATOR PAD	EXISTING EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
ENCLOSED DELIVERY ROOM	EXISTING EXPOSED CONCRETE	STEEL TROWEL	HARD / SMOOTH	HARDENING COMPOUND	EXISTING
WINE AND SPIRITS STORE	EXISTING LUXURY VINYL TILE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
CLICKLIST STAGING AREA	EXISTING VINYL TILE	STEEL TROWEL	HARD / SMOOTH	CURING COMPOUND	EXISTING
SIDEWALK	EXISTING EXPOSED CONCRETE	STEEL TROWEL	MEDIUM TO COARSE BROOM	CURING COMPOUND	EXISTING

CONCRETE PLAN GENERAL NOTES

*NOT ALL GENERAL NOTES ARE USED. FOR ACTUAL SCOPE OF WORK REFER TO FLOOR PLANS AND WORK SCOPE.

1. GENERAL:
1.1. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
1.2. IT IS RECOMMENDED THAT THE LOCATION OF ALL SCREEDS, RECESSED PITS, TRENCHES, ETC. BE VERIFIED IN TWO (2) DIRECTIONS PRIOR TO PLACING CONCRETE. WHERE POSSIBLE, REFERENCE DIMENSIONS HAVE BEEN GIVEN CLOSEST TO COLUMN CENTERLINES, [illegible] SCREED LINES, MASONRY LINES, ETC. ANY DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY TO THE KROGER ENGINEER FOR VERIFICATION AND/OR CORRECTION.
1.3. ALL CONCRETE PADS SHOWN ARE TO BE CONSTRUCTED BY THE BUILDING CONTRACTOR.
1.4. NO HEAVY TRUCKS OR CRANES ARE TO BE ALLOWED ON BUILDING FLOOR SLABS AT ANY TIME.
1.5. POUR ADDITIONAL 5" HIGH CONCRETE SLAB (10" OVERALL THICKNESS) FOR MAIN ELECTRICAL GENERATOR, TRANSFORMER, AND SWITCHGEAR BASE. COORDINATE EXACT SIZE AND LOCATION OF 6" HIGH BASE WITH ELECTRICAL CONTRACTOR.
1.6. [illegible] ELECTRIC, PLUMBING AND REFRIGERATION LINES IN ONE QUADRANT OR ONE HALF OF THE CASE IN LIEU OF [illegible] ENDS OR CORNERS OF THE CASE. THIS ALLOWS MORE FLEXIBILITY IN ADJUSTING THE CASE LAYOUT.
1.7. ALL COOLERS, FREEZERS AND PREP ROOM FLOOR SLABS SHALL BE POURED SEPARATE WITH CONTROL JOINTS AT 12'-0" O.C.
1.8. PROVIDE LEVEL CONCRETE BEARING UNDER COOLER AND FREEZER WALLS AND INTERIOR PARTITIONS.
1.9. THE INTERFACE BETWEEN ANY PLUMBING OR ELECTRICAL COMPONENTS THAT WILL BE LEFT EXPOSED IN THE FINISHED FLOOR SHALL BE MADE IN SUCH A WAY THAT THERE IS NO CHANGE IN ELEVATION OF THE FINISH FLOOR AT THE POINT OF INTERFACE (EXCEPT AS REQUIRED FOR FLOOR DRAINS. REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
1.10. TOP OF SLAB ELEVATION SHALL BE EQUAL TO DRAIN ELEVATION AT ALL AREAS WITHOUT QUARRY TILE. TOP OF SLAB ELEVATION SHALL BE SET 5/8" LOWER THAN DRAIN ELEVATION AT ALL AREAS WITH QUARRY TILE.
1.11. CONDUITS AND PIPES EMBEDDED IN THE SLAB SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE-THIRD OF THE OVERALL THICKNESS OF THE SLAB; SHALL NOT BE SPACED CLOSED THAT THREE DIAMETER (OR WIDTHS) ON CENTER. A MINIMUM SLAB THICKNESS OF 4" SHALL BE MAINTAINED OVER THE EMBEDDED ITEMS.
1.12. CONTRACTOR TO PROVIDE ADDITIONAL CONTROL JOINTS AT CORNERS TO MINIMIZE SLAB CRACKING.
1.13. CONTROL JOINTS IN SIDEWALKS TO BE TOOLED AFTER CONCRETE IS BROOM FINISHED.

2. SPECIAL CONCRETE CONSTRUCTION
2.1. ALL FLOOR DRAINS, CLEANOUTS AND FLUSH ELECTRICAL DEVICES SHOULD BE BLOCKED OUT AND POURED AFTER INITIAL PLACEMENT OF FLOOR SLABS.
2.2. FLUSH ALL FLOOR DRAINS, CLEANOUTS AND ELECTRICAL DEVICES IN PREP AREAS AND THE SALES AREA SHALL BE WRAPPED WITH 1" FOAM INSULATION PRIOR TO SLAB POUR. INSULATION SHALL BE REMOVED AFTER CONCRETE HAS SET, THE DEVICE SHALL BE LEVELED AND THE VOID SHALL BE FILLED WITH NON-SHRINK GROUT OR EPOXY. REMODELS – ELECTRICAL RACEWAYS: A MINIMUM OF 2" OF CONCRETE IS REQUIRED ABOVE AND BELOW ALL UNDERFLOOR RACEWAYS TO PROVIDE SUPPORT.
2.3. REMODELS – TRANSITION STRIP – INSTALL TRANSITION STRIP AT ALL QUARRY OR MOSAIC TILE AND V.C.T. JUNCTURES (WHERE THERE IS A PASSAGE WAY) PER ASD-4. THIS INCLUDES EACH VESTIBULE DOOR TRANSITION, DELI, MEAT, VCT/BACKROOM, ETC.
2.4. BOX OUTS: NOT REQUIRED AROUND COLUMNS.
2.5. OPEN ICE BED SEAFOOD CASE – PROVIDE FLAT FLOOR AREA
2.6. GROCERY & BAKERY FREEZERS – PROVIDE SPECIAL INSULATED FLOOR SLAB CONSTRUCTION PER. REFER TO ASD-15A

3. INTERIOR SLABS – GENERAL:
3.1. INTERIOR FLOOR SLAB – PROVIDE 4' THICK CONCRETE WITH CELLULOSE FIBER REINFORCEMENT. UNLESS INDICATED OTHERWISE ON STRUCTURAL DRAWINGS, REQUIRED BY MUNICIPALITY OR GEO-TECH.
3.2. VAPOR BARRIER – NOT REQUIRED IN COLORED CONCRETE INSTALLATIONS AND ONLY INSTALLED WHEN REQUIRED BY MUNICIPALITY, GEO-TECH, OR ANTICIPATED FLOOR COVERING INSTALLATIONS.
3.3. INTERIOR COLUMNS BOND BREAK – PROVIDE AROUND INTERIOR COLUMNS PER ASD-156
3.4. INTEGRAL COLORED POLISHED CONCRETE FLOORS (WHERE AND IF INDICATED ON PROJECT DRAWINGS) – PROVIDE IN SALES AREA, HALLWAY TO RESTROOMS OFF SALES AREA, LITTLE CLINIC AND PHARMACY WAITING AREA.
3.5. CONCRETE INFILL & REMOVAL –REMOVE EXISTING CONCRETE AS REQUIRED FOR NEW SLOPED FLOORS OR FOR NEW CONSTRUCTION. REFER TO PROJECT DRAWINGS (NEW AND DEMOLITOIN)
3.6. REMODEL TRENCHING REQUIREMENTS – INDICATE NEW CONCRETE TRENCHES DUE TO MEP OR REFRIGERATION PIPING REQUIREMENTS COORDINATE WITH FLOOR DEMOLITION PLAN. INDICATE DOWELS BETWEEN NEW AND EXISTING CONCRETE FLOORS. REFER TO ASD-69

4. INTERIOR SLABS MECHANICAL EQUIP PADS: PROVIDE 6" RAISED CONCRETE PADS FOR THE FOLLOWING:
4.1. ELECTRICAL SWITCH GEAR – PER ASD-22
4.2. HOT WATER HEATERS – PER PSD-6B, PSD-6R

5. INTERIOR SLABS – REMODELS:
5.1. REMODEL TRENCHING REQUIREMENTS – PROVIDE NEW CONCRETE TRENCHES DUE TO MEP OR REFRIGERATION PIPING REQUIREMENTS COORDINATE WITH FLOOR DEMOLITION PLAN. PROVIDE DOWELS BETWEEN NEW AND EXISTING CONCRETE FLOORS. REFER TO ASD-69
5.2. REMODEL: CLEAN OUT COVERS – INSTALL NEW CONCRETE FOR FLOOR WHERE EXISTING CLEANOUTS WERE CORE DRILLED AND PIPE MODIFIED TO LOWER ELEVATION OF COVER DUE TO CHANGE FROM VCT FLOORING TO A DYED POLISHED CONCRETE FLOOR.

6. CONCRETE FINISH:
6.1. PROVIDE METAL TROWELED, SMOOTH FINISH, GRAY COLOR, SEALED FLOOR FOR BACKROOM AREAS:
6.2. PROVIDE METAL TROWELED, SMOOTH FINISH, GRAY COLOR FLOOR FOR BASCART STORAGE AREAS:
6.3. PROVIDE RESINOUS FLOOR OVER EXPOSED GRAY CONCRETE AT DAIRY COOLER FLOOR
6.4. FLORAL COOLER – WHEN PROVIDED ON PLANS SHALL HAVE SAME FLOOR FINISH AS SALES AREA WHEN SALES FLOOR IS TO BE POLISHED CONCRETE.
6.5. PROVIDE NATURAL GRAY WITH LIGHT BROOM ANTI-SLIP FLOOR FINISH GRAY CONCRETE WITH ANTI-SLIP FINISH TO MATCH THE TEXTURE OF 120-150 GRIT SAND PAPER FOR THE FOLLOWING AREAS:
6.5.1. PRODUCE PREP
6.5.2. PRODUCE COOLERS,
6.5.3. FREEZERS,
6.5.4. FLORAL COOLER (WHEN COOLER IS INDICATED IN BACKROOM)

7. INTERIOR SLABS – DRAINAGE AND FLOOR SLOPE
7.1. IN BAKERY, DELI, MEAT, PRODUCE, AND SEAFOOD PREP AND SERVICE AREAS, SLOPE FLOOR AT APPROXIMATELY 1/8" PER FOOT TO MAINTAIN POSITIVE DRAINAGE, FURNISH ADEQUATE QUANTITY OF 8½" DRAINS TO ELIMINATE LOW SPOTS THAT CREATE HAZARDS AND SLOPES THAT CAUSE EQUIPMENT TO ROLL. REFER TO REF-7 AND COORDINATE WITH SHEET P1.1 FOR DRAIN LOCATIONS IN SERVICE AREAS – MAINTAIN THE MAXIMUM SLOPE ON THE NARROW AXIS OF AREA. CALCULATE SLOPE AND THEN REDUCE HEIGHT IN AREAS THAT RECEIVE A RESINOUS FLOOR FINISH. INDICATE THE FLOOR IN FRONT OF FREEZER DOOR AS A HIGH POINT AND SLOPE FLOOR AWAY FROM FREEZER DOOR.
7.2. PREP AREA DRAINS – COORDINATE DRAIN LOCATIONS WITH THE F-1 FIXTURE PLAN AND SHEET P1.1 TO NOT BE UNDER TABLE LEGS, TO NOT BE WHERE ASSOCIATES STAND AND WORK, NOR TO IMPEDE THE MOVEMENT OF WHEELED PRODUCT DELIVERY EQUIPMENT.
7.3. PROVIDE MINIMUM SLOPE AT 1/8" PER LN FT (EXCEPT FLORAL COOLER), PREP AREA, AND CLEANING CENTER FLOORS).
7.4. BASCART STORAGE – PROVIDE SLOPE TOWARDS 8" DIA FLOOR DRAIN WITH DRAIN LOCATED IN MIDDLE OF AREA.
7.5. CLEANING CENTER – PROVIDE SLOPE TOWARDS 8" DIA FLOOR DRAIN WITH DRAIN LOCATED IN MIDDLE OF AREA.
7.6. WALK-IN FREEZERS AND FLORAL COOLER – FLOORS TO BE LEVEL, NO SLOPE OR DRAINS REQUIRED
7.7. DAIRY COOLER – FLOOR SHOULD HAVE A 36" WIDE FLAT AREA PARALLEL TO GLASS DOORS FOR ROLLING CARTS. SLOPE AT 1/8" PER FOOT TO MAINTAIN POSITIVE DRAINAGE TOWARDS TRENCH DRAIN OUTSIDE DOOR. PROVIDE STEEPER PITCHED FLOOR (3/4" HIGHER) ADJACENT TO DOOR AND TRENCH DRAIN TO ENSURE THAT DEBRIS WILL NOT COLLECT IN CORNERS DURING CLEANING. CALCULATE SLOPE AND THEN REDUCE HEIGHT, ALLOWING FOR ¼" THICK RESINOUS FLOOR FINISH.ON REMODELS WHERE COOLERS WITH QUARRY TILE FLOORS MAY BE EXTENDED, REDUCE HEIGHT ALLOWING FOR 5/8" THICKNESS FOR TILE FLOORING. LARGE DAIRY COOLERS EXCEEDING 39'-0" IN LENGTH REQUIRE TWO DOORS WITH TRENCH DRAINS OUTSIDE FOR POSITIVE DRAINAGE. FOR LARGE COOLERS, I.E., 39'-0" IN LENGTH WHICH ONLY HAVE ONE DOOR, IT WILL BE NECESSARY TO MAKE THE 36" WIDE AREA FOR ROLLING CARTS SEMI FLAT, SLOPING THE AREA AT A MAXIMUM OF 1/16" PER FOOT TOWARD THE DOOR TO REDUCE THE CROSS SLOPE OF COOLER WIDTH CLOSEST TO SINGLE DOOR WITH TRENCH DRAIN. PLEASE REFER TO REF-7 FOR MORE DETAILED INFORMATION. PROVIDE FLAT FLOOR UNDER DELI EXHAUST HOOD AND RACK OVEN AND ROLLING RACK STORAGE
7.8. COOLERS – SLOPE AT APPROXIMATELY 1/8" PER FOOT TO MAINTAIN POSITIVE DRAINAGE TOWARDS TRENCH DRAIN OUTSIDE DOOR. IN AREAS SUCH AS BAKERY, DELI, OR SEAFOOD, A TRENCH DRAIN MAY BE ELIMINATED BY POSITIONING THE LOCATION OF ALL 8½" DIAMETER FLOOR DRAINS TO COLLECT WATER FROM WASH DOWN OF COOLERS AS WELL AS ADJACENT PREP AREA FLOOR. PROVIDE STEEPER PITCHED FLOOR (3/4" HIGHER) AT TIGHT CORNERS ADJACENT TO TRENCH DRAIN TO ENSURE THAT DEBRIS WILL NOT COLLECT IN CORNERS DURING CLEANING. CALCULATE SLOPE AND THEN REDUCE HEIGHT, ALLOWING FOR ¼" THICK RESINOUS FLOOR FINISH.
7.9. BAKERY, DELI, MEAT, AND SEAFOOD PREP – INDICATE TRENCH DRAIN AND SLOPE REQUIREMENTS AT PASS-THRU TO SALES AREA.
7.10. SEAFOOD AREA –SLOPE FLOOR TOWARDS FLOOR DRAINS LOCATED IN MIDDLE OF AREA. FLOOR IN FRONT OF FREEZER DOOR SHALL BE A HIGH POINT AND SLOPE FLOOR AWAY FROM FREEZER DOOR.

8. INTERIOR – CURBING
8.1. PROVIDE 6" WIDE, SMOOTH FINISHED, CONCRETE CURBING IN THE FOLLOWING AREAS:
8.1.1. INTERIOR WALLS OF FREEZERS & COOLERS (EXCEPT DELI & BAKERY DEPT.). REFER TO ASD-6
8.1.2. BACKROOMS – AT EXTERIORS OF COOLERS, FREEZERS AND WALLS WHERE DAMAGE FROM MATERIAL HANDLING EQUIPMENT COULD OCCUR.
8.1.3. UNDER STORAGE RACKS AT STUD WALL CONSTRUCTION NOT CMU WALL CONSTRUCTIONS. REFER TO ASD-6
8.2. INDICATE 4" WIDE SMOOTH FINISHED CONCRETE CURBING IN ALL OF THE FOLLOWING AREAS:.
8.2.1. PREP ROOMS – DO NOT PROVIDE CURBS ON WALLS WHERE PREP TABLES AND PREP SINKS ARE INDICATED ON F1 PLAN. REFER TO ASD-6A
8.2.2. CART STORAGE AREAS. REFER TO ASD-6

9. EXTERIOR – CURBING
9.1. DRIVE-THRU CURB – PROVIDE 10" WIDE CONCRETE CURB AT PHARMACY/BANK DRIVE-THRU AND COORDINATE WITH CIVIL DRAWINGS. REFER TO ASD -8, CSD-70L-2, CSD-70R-2A
9.2. SHOPPING CART CURBS – PROVIDE 4" WIDE CURBING TO PROTECT BUILDING WALLS AND COLUMNS. PROVIDE SMOOTH FINISH ON ALL CURB SURFACES. REFER TO ASD-6

10. EXTERIOR SLABS
10.1. EXTERIOR CONCRETE: PROVIDE CONCRETE SLABS AND PADS FOR THE FOLLOWING AREAS:
10.1.1. TRUCK DOCK PAVEMENT – REFER TO ASD-114, ASD-114A, ASD-114.1, ASD-114A.1 (WHICHEVER BEST APPLIES)
10.1.2. GARBAGE COMPACTOR PAD – REFER TO ASD-114, ASD-114A, ASD-114.1, ASD-114A.1 (WHICHEVER BEST APPLIES)
10.1.3. DSD PAD – REFER TO ASD-114, ASD-114A, ASD-114.1, ASD-114A.1 (WHICHEVER BEST APPLIES)
10.1.4. TRANSFORMER PAD
10.1.5. GENERATOR PAD
10.1.6. SIDEWALKS
10.1.7. EMERGENCY EGRESS PAD
10.1.8. PHARMACY DRIVE THRU – REFER TO ASD-8, ASD-8A (WHICHEVER BEST APPLIES)
10.1.9. RAMPS
10.2. COMPACTOR PAD – PROVIDE COMPACTOR PAD (WHERE AND IF INDICATED ON PROJECT DRAWINGS). PROVIDE 8" THICK CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE. PROVIDE ROUND FLOOR DRAIN UNDER COMPACTOR AT DEPRESSION AREA OF COMPACTOR PAD. REFER TO ASD-114 & 114
10.3. COMPACTOR PAD PUMP – PROVIDE CROCK FOR PUMP (WHEN DRAIN LINE CAN NOT MAKE THE FALL INTO THE SANITARY SEWER) POSITION CROCK WHERE NOT COVERED BY COMPACTOR EQUIPMENT.
10.4. TRUCK DOCK PAVEMENT – PROVIDE DOCK PAVEMENT. CONCRETE IS TO BE A MIN. 8" THICK CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE.
10.5. RETAINING WALL AT THE TRUCK DOCK – CONCRETE RETAINING WALL LOCATED ADJACENT TO THE TRUCK DOCK AREA SHALL BE REINFORCED. REFER TO STRUCTURAL DRAWINGS
10.6. PHARMACY DRIVE-THRU AND/OR BANK DRIVE THRU PAD (WHERE AND IF INDICATED ON PROJECT DRAWINGS): PROVIDE 5" THICK, 10" WIDE (OR 15" DEPENDING ON WINDOW MANUFACTURER CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE. COORDINATE WITH CIVIL DRAWINGS. ELEVATION OF CONCRETE PAD MUST BE AT THE SAME AS FLOOR ELEVATION FOR PROPER OPERATION OF WINDOW DRAWER. REFER TO ASD-8, CSD-70L-2, CSD-70R-2A, CSD-154
10.7. DSD PAD – PROVIDE DOCK PAVEMENT (WHERE AND IF INDICATED ON PROJECT DRAWINGS). NOTE CONCRETE IS TO BE A MIN. 8" THICK CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE. NOTE THAT PAD SLOPE IS 1/8" PER LN FT TO DRAIN WATER AWAY FROM BUILDING AND ON ADJACENT PAVING
10.8. GENERATOR PAD – PROVIDE 5" THICK CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE.
10.9. TRANSFORMER PAD (WHERE AND IF INDICATED ON PROJECT DRAWINGS). PAD SHOULD CONFORM TO UTILITY COMPANY SIZE AND THICKNESS REQUIREMENTS WHEN SUPPLIED BY UTILITY COMPANY. FOR COMPANY OWNED TRANSFORMERS PROVIDE 5" THICK CONCRETE PAD WITH 6X6 42LB WELDED WIRE FABRIC AND ON 4" COMPACTED AGGREGATE BASE AS PER MINIMUM SIZE AS INDICATED ON SUBMITTAL FROM SUPPLIER. COORDINATE WITH ELECTRICAL DRAWINGS.
10.10. CUSTOMER PICK UP PAD – WHEN INDICATED ON F1 PLAN TYPICALLY 25' X 25', 5" THICK CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE.
10.11. EMERGENCY EGRESS PAD (WHERE AND IF INDICATED ON PROJECT DRAWINGS). PROVIDE 5" THICK CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE.
10.12. SIDEWALKS & RAMPS – PROVIDE SIDEWALKS AND RAMPS PER PROJECT DRAWINGS. RAMPS THAT SERVE AS EGRESS PATHS ARE LIMITED TO 8% NON- EGRESS MAY SLOPE 12.5%. NOTE CONCRETE IS TO BE A MIN. 4" THICK WITH 6X6 42LB WELDED WIRE FABRIC AND LIGHT BROOM FINISH. COORDINATE WITH CIVIL DRAWINGS.
10.13. WALK RAMPS – PROVIDE RAMP WHEN PAVEMENT IS NOT FLUSH AND COORDINATE WITH CIVIL DRAWINGS. REFER TO ASD-124A
10.14. PREFABRICATED MECHANICAL CENTER PAD (WHERE AND IF INDICATED ON PROJECT DRAWINGS) – PROVIDE CONCRETE PAD. PAD SLOPE IS 1/8" PER LN FT TO DRAIN WATER AWAY FROM BUILDING AND ON ADJACENT PAVING AND SHIM MECHANICAL CENTER LEVEL. COORDINATE WITH CIVIL DRAWINGS. NOTE CONCRETE IS TO BE A MIN. 8" THICK WITH 6X6 42LB WELDED WIRE FABRIC AND LIGHT BROOM FINISH.
10.15. STORE FRONT FLUSH WALK – PROVIDE 5" THICK TYPICAL, CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE. COORDINATE WITH CIVIL DRAWINGS. REFER TO ASD-161
10.16. SIDEWALKS – LANDSCAPE (NON VEHICULAR), 4" THICK TYPICAL, CONCRETE WITH 6X6 42LB WELDED WIRE FABRIC AND MEDIUM-TO-FINE BROOM FINISH ON 4" COMPACTED AGGREGATE BASE. COORDINATE WITH CIVIL DRAWINGS.

11. EXTERIOR BOLLARDS
11.1. EXTERIOR CONCRETE BOLLARDS – PROVIDE 12" DIAMETER CONCRETE BOLLARDS AT FRONT OF STORE WHEN PAVEMENT AND SIDEWALK ARE FLUSH (WHERE AND IF INDICATED ON PROJECT DRAWINGS). REFER TO ASD-161
11.2. EXTERIOR PIPE BOLLARDS – PROVIDE 6" DIAMETER STEEL PIPE. AT BUILDING CORNERS, TRANSFORMER, GENERATOR, PREFABRICATED MECHANICAL CENTER, GAS METER, AND STAIRS. DO NOT LOCATE AT EXTERIOR OF EXIT DOORS
11.3. ROLLER POSTS – PROVIDE AT ROLL UP CART STORAGE DOORS AND AUTO ENTRANCE DOORS FOR CARTS STORED INSIDE VESTIBULE. REFER TO ASD-20

12. CONTROL JOINTS:
12.1. PROVIDE JOINT FILLER AT WALLS, COLUMNS, AND CONSTRUCTION JOINTS
12.2. CONTROL JOINTS – EXTERIOR (MAX. SPACING):
12.2.1. CONTROL JOINTS FOR SIDEWALKS TO BE TOOLED 6'-0" OC.
12.2.2. EXTERIOR PADS TO HAVE CONTROL JOINTS 20'-0" OC
12.3. CONTROL JOINTS (INTERIOR): EXPOSED CONCRETE CONTROL JOINT SPACING – INTERIOR (MAX. SPACING) PER ASD-156:
12.3.1. SALES AREA –10'-0" OC OR 12 OC DEPENDENT ON COLUMN SPACING
12.3.2. BACKROOM – 12'-0" OC
12.3.3. WHERE APPLICABLE – PROVIDE ADDITIONAL CONTROL JOINTS TO DEFINE STARBUCKS COFFEE SEATING FLOORING AREA AS PER DASHED LINE ON F1 PLAN OR STARBUCKS DESIGN DRAWING.
12.4. ADDITIONAL CONTROL JOINTS ARE REQUIRED AT COLUMNS AND CORNERS ARE REQUIRED
12.5. INTERIOR SLABS RECEIVING FLOOR TILE – PROVIDE SAWED CONTROL JOINTS ON 12'-0" MAXIMUM TO CONTROL CRACKING.
12.6. ADDITIONAL CONTROL JOINTS REQUIRED AT COLUMNS AND CORNERS. – REFER TO ASD-156
12.7. LOCATIONS OF SAW CUTS IN SLAB ARE APPROXIMATE. CONTRACTOR TO VERIFY EXACT LOCATION WITH OTHER TRADES AND KROGER ENGINEER.
12.8. STORE INTERIOR – SAW CUT CONTROL JOINTS FOR SALES AREA SLAB COVERED WITH VCT OR QUARRY TILE SHOULD BE PLACED BETWEEN COLUMNS AND BISECT COLUMN BAY ONE TIME. "ZIP-STRIPS" MAY BE USED IN LIEU OF SAW CUTTING ON INTERIOR SLABS RECEIVING FLOOR COVERING. JOINTS SHOULD BE FILLED AS PER FLOOR COVERING MANUFACTURER'S INSTRUCTIONS. SAWCUT CONTROL JOINTS FOR SALES AREA SLAB SHOULD BE PLACED AT A MAXIMUM OF 20'-0" IN ANY DIRECTION.
12.9. FRONT SIDEWALK – INSTALL SONOFLEX (POLYETHYLENE –CLOSED CELL) EXPANSION JOINTS AS REQUIRED AND CAULK. TOP OF EXPANSION JOINT SHOULD BE 1/2" BELOW SURFACE TO ALLOW FOR CAULK. SIDES OF EXPANSION JOINT SHALL BE TOOLED.
12.10. FRONT SIDEWALK – PROVIDE THAT ALL SIDEWALK JOINTS ARE TOOLED AND PLACED AT A MAXIMUM OF 12' IN ANY DIRECTION. TOOL CONTROL JOINTS TO ALIGN WITH EDGES OF BRICK PIERS (BOTH SIDES) AND AT CORNERS OF PROTRUDING VESTIBULES, ETC. TO CONTROL CRACKING OF SIDEWALK. NO SAWCUTTING.
12.11. FRONT SIDEWALK – ALIGN/CENTER JOINTS WITH CONCRETE BOLLARDS..
12.12. FRONT SIDEWALK – ALIGN BASCART RAMPS WITH EXISTING CONTROL JOINTS OR CREATE CONTROL JOINTS AT CHANGES IN ELEVATION.
12.13. FRONT SIDEWALK BUMPER CURB – TOOL OR SAWCUT CONTROL JOINTS IN TOP AND FACE OF CURB TO MATCH SIDEWALK CONTROL OR EXPANSION JOINTS.
12.14. EXPOSED FRONT SIDEWALK CURB – EXTEND THE TOOLED CONTROL JOINTS DOWN THE CURB FACE TO BELOW ASPHALT.
12.15. FRONT SIDEWALK JOINTS – PROVIDE THAT ALL SIDEWALK JOINTS ARE TO BE CAULKED FLUSH WITH ADJACENT SURFACE.
12.16. CONSTRUCTION AND CONTROL JOINTS AT EXPOSED CONCRETE SLABS (BACKROOM, WAREHOUSE PALLET RACKING, DOCK, ETC.) SHALL BE FILLED WITH "SPAL-PRO XL" JOINT FILLER COMPOUND. CONCRETE SLABS WITH OTHER FLOOR COVERINGS (VCT, QUARRY TILE, CARPET, ETC.) SHALL USE "FLOOR STONE".
12.17. INSTALL 24" X 8" DEEP SONOTUBE CIRCULAR ISOLATION JOINT FORM AROUND DRAINS. VOID WITHIN SCREED AREA TO BE FILLED WITH CONCRETE AFTER FINAL RIM ELEVATION HAS BEEN SET. COORDINATE WITH PLUMBING CONTRACTOR.
12.18. INSTALL SONOTUBE CIRCULAR ISOLATION JOINT FORM AROUND MISCELLANEOUS ELECTRICAL EQUIPMENT THAT IS TO BE INSTALLED FLUSH WITH FINISHED FLOOR (SIZE AS REQUIRED).
12.19. ALL CIRCULAR SCREEDS ARE TO BE CENTERED ON FLOOR DRAIN.

13. CONCRETE SLAB ELEVATION:
13.1. INDICATION OF FINISHED CONCRETE ELEVATION AT POINT IS RELATIVE TO NOMINAL FINISHED FLOOR = 100'-0".
13.2. ALL FINISHED CONCRETE ELEVATIONS SHALL BE (100'-0") UNLESS NOTED OTHERWISE.
13.3. COORDINATE FLOOR DRAIN RIM ELEVATIONS WITH CONCRETE ELEVATIONS SHOWN ON CONCRETE PLACEMENT PLANS. DETAILS FOR FLOOR DRAINS ARE PROVIDED IN PLUMBING PLANS
13.4. POUR ALL 100'-0" ELEVATIONS FIRST, FOLLOWED BY SLOPED AND RECESSED AREAS.
13.5. FLOOR SLOPES AND SCREEDS – THE PHILOSOPHY FOR CALCULATING THE FLOOR SLOPES IN COOLERS AND PREP AREAS IS AS FOLLOWS: USE A FALL OF 1/8" PER FOOT FOR THE SHORTEST DIMENSION OF THE ROOM.
13.6. FLOOR SLABS SHALL BE FLAT AT FLORAL COOLER, UNDER FRYERS AND OVENS AND AS NOTED ON CONCRETE PLACEMENT PLAN
13.7. RECESS FOR QUARRY TILE FLOOR:
13.7.1. RECESS IS PROVIDED IN ALL AREAS TO RECEIVE QUARRY PAVER TILE FOR TILE THICKNESS AND. THE INTENT IS TO HAVE TOP OF QUARRY TILE AND PAVER TILE FLUSH WITH ADJACENT FLOOR FINISH (VCT, EXPOSED CONCRETE, ETC.). INCREASE DEPTH OF RECESS AND GROUT THICKNESS AS REQUIRED TO GUARANTEE LEVEL, FLUSH FLOORS AND FIRST-CLASS WORKMANSHIP.
13.7.2. PROVIDE 1/2" RECESS FOR ALL STORES WITH EXPOSED FLOORING IN SALES AREA.
13.8. RECESS FOR EPOXY FLOORING:
13.8.1. RECESS IS PROVIDED IN ALL AREAS TO RECEIVE EPOXY FLOORING. THE INTENT IS TO MATCH TOP OF EPOXY FLOORING WITH ADJACENT FLOOR FINISH (VCT, EXPOSED CONCRETE, ETC.). INCREASE DEPTH OF RECESS AND GROUT THICKNESS AS REQUIRED TO GUARANTEE LEVEL, FLUSH FLOORS AND FIRST-CLASS WORKMANSHIP.
13.8.2. PROVIDE 1/4" RECESS FOR ALL STORES WITH EXPOSED FLOORING IN SALES AREA.
13.9. RECESS FOR VCT FLOORING:
13.8.1 NO RECESS IS REQUIRED FOR VCT
13.10. SLOPE FLOOR SLAB TO DRAINS OR DOORWAYS AS PROVIDED ON PLANS. METAL (COLD) JOINT SCREEDS SHALL BE USED AT SLOPE BREAK LINE AND PERIMETER LINES AS SHOWN ON PLANS.
13.11. AUTO DOORS – AREAS IN FRONT OF AUTO DOORS MUST BE MAXIMUM OF 1/8" PER FOOT SLOPE FOR A MINIMUM DISTANCE OF 5'-0" FROM THE DOORS.

14. REFRIGERATION PITS AND TRENCHES:
14.1. PROVIDE REFRIGERATION PITS & ACCESS PIPES – PROVIDE PITS AND PIPES RUNNING TO ALL REFRIGERATION BUNKER CASES. REFER TO ASD-159
14.2. UNDER-FLOOR PITS, TRENCHES AND REFRIGERANT LINES ARE NOT PART OF THE PLUMBING CONTRACT. THEY ARE THE RESPONSIBILITY OF THE CONCRETE CONTRACTOR; REFER TO ASD-159 AND REFRIGERATION PLANS
14.3. PITS FOR REFRIGERATION LINES IN A FURRED WALL SHOULD BE LOCATED UNDER THE WALL.
14.4. WHERE PITS ARE LOCATED AGAINST AN OUTSIDE WALL OR NEAR EXTERIOR COLUMN, LOWER FOOTING AS REQUIRED TO ACCOMMODATE CONCRETE PIT.
14.5. CRUSHED STONE IS TO BE USED AS BACKFILL IN ALL TRENCHES WITHIN THE BUILDING.
14.6. VERIFY PIT LOCATIONS AND FEEDS WITH REFRIGERATION CIRCUITING.

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CONCRETE PLACEMENT FLOOR PLAN

SCALE: 3/32" = 1'-0"

No.	Description	Date

REVIEW SET/ PERMIT SET

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